



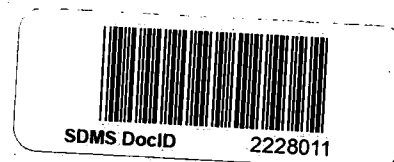
999 WEST VALLEY ROAD
WAYNE, PENNSYLVANIA 19087
215-687-9510

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June 13, 1989
R-585-3-9-42
68-01-7346



Mr. Anthony Dappolone
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, Pennsylvania 19107

Subject: Final Report
TDD No. F3-8806-37
EPA No. PA-1881
Electric Materials Company
North East, Erie County, Pennsylvania

Dear Mr. Dappolone:

Submitted herewith is the final Site Inspection report for the subject site. The contents of the report are based on an evaluation of information contained in the site files provided, on the results of a review of regional and local hydrogeological literature, and on data collected during a site inspection conducted in July 1988. Based on this review, the following is offered for EPA's consideration:

- No further action is recommended for the subject site. A Hazard Ranking System (HRS) (b) (5) were obtained for the site. This figure is reflective of private wells in the study area.

The Electric Materials Company (TEMCO) is a 16-acre, active manufacturer of copper parts used in the electrical utility industry. The company is equipped to carry out processes including forging, rolling, machining, and plating.

Hazardous waste generated at the facility includes stoddard solvents and sludges, halogenated solvents, cyanide-containing plating wastes, and wheelabrator dusts, which are EP toxic for lead and cadmium.

Historic on-site disposal activities included the practice of piling foundry sand and grinder dusts in an area immediately outside the facility. Samples taken from this area in June 1983 revealed elevated levels of phenols, formaldehyde, cadmium, and lead. During the summer of 1986, this pile of accumulated waste, approximately 453 yards in size, was removed and landfilled at an off-site location. No lining or containment controls were used in conjunction with this pile.

Additional on-site disposal has included the historic use of a "dry well" located on the western portion of the site and the discharge of materials into the sanitary sewer system.

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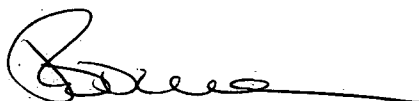
Mr. Anthony Dappolone
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Electric Materials Company Final Site Inspection Report

Overflow rinse waters from the pickling operation were discharged into a "dry well" from 1974 until 1983. The dry well, which was essentially a pit, allowed the rinse waters to dissipate into the ground. According to TEMCO officials, the pH of this water was between 1 and 2. Company officials also indicated that unspecified liquids were discharged to the sanitary sewer system.

On July 27, 1988, NUS FIT 3 conducted a site inspection of the subject site. Included in this investigation was the collection of surface and subsurface samples from the vicinity of the foundry waste storage area and aqueous, sediment, and home well samples. The samples collected revealed elevated levels of cadmium, antimony, and copper in on-site soils. Off-site sediments revealed elevated levels of cadmium and antimony. Home well samples collected in the vicinity of the site revealed elevated levels of barium, antimony, and lead. Analysis also revealed elevated levels of polyaromatic hydrocarbons (PAHs) in on-site surface and subsurface samples, as well as in off-site sediment samples.

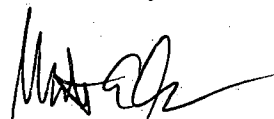
If you have any further questions, please contact me.

Respectfully submitted,



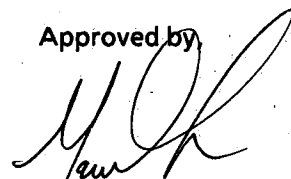
Peter Uhlman
Project Manager

Reviewed by,



Michael Snyder
Section Supervisor

Approved by



Garth Glenn
Regional Operations
Manager, FIT 3

PU/dlw

Attachments